

REMARKS

At the outset, Applicants thank the Examiner for the thorough review and consideration of the pending application. The Office Action dated June 1, 2005 has been received and their contents carefully reviewed.

Claims 1, 6, 11, and 13 are hereby amended. Accordingly, claims 1-21 are currently pending. Reexamination and reconsideration of the pending claims is respectfully requested.

In the Office Action, the Examiner objected to the drawings under 37 C.F.R. 1.83(a) for not showing the claimed feature of “the backlight in a stand-by state throughout the duration of a responding period of the liquid crystal corresponding to each of said supplied red, green, and blue data signals”; and the Examiner rejected claims 1-21 under 35 U.S.C. § 102(e) as being allegedly anticipated by Mizutani et al. (U.S. Patent No. 6,392,620). This rejection is respectfully traversed and reconsideration is requested.

Regarding the drawing objection, the Examiner is directed to Figure 14 and paragraphs 0070 to 0074. Figure 14 shows a liquid crystal response time LC as explained in paragraphs 0070 to 0074. It is during this time that the backlight is in a standby state. Therefore, Applicant respectfully submits that drawings show every feature of the invention specified in the claims and requests the withdrawal of the objection.

The rejection of claims 1-5 under U.S.C. § 102(e) is respectfully traversed and reconsideration is requested. Claim 1 is allowable over the cited references in that this claim recites a combination of elements including, for example, “a backlight in a stand-by state throughout the duration of a responding period of the liquid crystal corresponding to the color data signal wherein the backlight generates a colored light after the responding period in correspondence with the color data signals, wherein the color data signal is one of a red, green, and blue color signal”. Mizutani et al. does not teach or suggest at least this feature of the claimed invention.

Mizutani et al. in Figure 3A shows the backlight producing red light then green light and then blue light followed by an off period. In Mizutani et al. the off time is to reduce the affects of color drift and/or image blur due to afterimage affects between color frames. (See

Figures 3A, 3B, and 4, and column 4, lines 52-63.) This is different than the claimed invention. In claim 1, a color data signal is applied to a liquid crystal cell and there is a delay in the time it takes the liquid crystal to respond to an applied electric field and reach a state so that it is ready to pass the desired amount of light. This delay is called the responding period of the liquid crystal, and it is during this period that the backlight is in standby. Then after the responding period and now that the liquid crystal is in a state to pass the desired amount of light, the backlight generates a colored light. Typically this process then is repeated for the other colors. Therefore, claim 1 and claims 2-5, which depend from claim 1, are allowable over Mizutani et al.

The rejection of claims 6-12 under U.S.C. § 102(e) is respectfully traversed and reconsideration is requested. Claim 6 is allowable over the cited references in that this claim recites a combination of elements including, for example, “generating a colored light after the responding period, wherein the colored light is generated in correspondence with the color data signals, wherein the color data signal is one of a red, green, and blue color signal”. Mizutani et al. does not teach or suggest at least this feature of the claimed invention.

Claim 6 is allowable for the same reasons as claim 1 above, therefore claim 6 and claims 7-12, which depend from claim 6, are allowable over Mizutani et al.

The rejection of claims 13-21 under U.S.C. § 102(e) is respectfully traversed and reconsideration is requested. Claim 13 is allowable over the cited references in that this claim recites a combination of elements including, for example, “a backlight in a stand-by state throughout the duration of responding periods as the liquid crystal responds to the data signals after the data signals are supplied to the liquid crystal cells and generating light after the responding period”. Mizutani et al. does not teach or suggest at least this feature of the claimed invention.

Claim 13 is allowable for the same reasons as claim 1 above, therefore claim 13 and claims 14-21, which depend from claim 13, are allowable over Mizutani et al.

Applicants believe the application is in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

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